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**TELESCOPED MULTIWALL NANOTUBE AND MANUFACTURE THEREOF**

**ABSTRACT OF THE DISCLOSURE**

10           The invention relates to a method for forming a telescoped multiwall nanotube.  
Such a telescoped multiwall nanotube may find use as a linear or rotational bearing in  
microelectromechanical systems or may find use as a constant force nanospring. In the  
method of the invention, a multiwall nanotube is affixed to a solid, conducting substrate  
at one end. The tip of the free end of the multiwall nanotube is then removed, revealing  
15       the intact end of the inner wall. A nanomanipulator is then attached to the intact end, and  
the intact, core segments of the multiwall nanotube are partially extracted, thereby  
telescoping out a segment of nanotube.